

FY 97 Specs for Proposed SPS Client Desktop PCs
Specs are based on a 3-5 year anticipated useful life
(recommend replacement of approx. 17% or more per year),
and are applicable whether equipment is leased or purchased

Component	DoD Recommended Minimum Workstation	Low-End Commercial Minimum Workstation	Optional Upgrade Workstation (Recommended)
CPU type and Clock Speed	66MHz, \geq 32-bit data path*, \leq 5 volts*, \geq 36 integer SPECmark , \geq 16 floating point SPECmark	133MHz Pentium	200+ MHz Pentium Pro -440 FX P6 chip set
Cache Memory	8KB Internal Cache	256KB Cache (L2 cache)	256KB Cache Per Processor
RAM	16MB expandable to 32MB	32MB EDO (using 16MB SIMMS)	32MB EDO expandable to 128MB EDO RAM
Hard Disk	1.0GB Hard Disk Drive or Two 500MB Hard Drives *	2.0GB Hard Disk Drive -Fast EIDE Hard Drive -12ms avg access time	a. Larger Hard Drive as -EIDE HD - \leq 10ms seek time OR b. Removable HD kits (Classified use) OR c. 4.3GB+Fast SCSI-II HD
Controller	SVGA controller with 1MB RAM, 1024x768 pixels, 256 colors	Fast 32 PCI EIDE Controller (ATA mode 4 support)	PCI Fast-SCSI-II Controller (7 devices, high performance)
Bus		Integrated PCI local bus	Integrated PCI/EISA Bus
Bays		3 external and 2 internal drive bays	Additional as required - removable HD, tape drive
Slots	2 PCMCIA Type II slots	5 slots (at least 2 PCI, 2 ISA)	Additional as required
Video Card/Memory		Video w/2MB memory (DRAM)	Video w/4MB memory (VRAM)
Floppy Disk Drives	3-1/2" floppy drive*	3-1/2" floppy drive	3-1/2" floppy drive
Ports	2 serial ports, 2 parallel ports	2 serial ports, 1 high speed parallel port	2 Universal serial ports 2 parallel ports
PCCard (PCMCIA)		PCCard Reader -2 type II slots -Win NT/DMS compatible	PCCard Reader -2 type II slots -Win NT/DMS compatible
Keyboard (key - lockable)	"Qwerty" style keyboard with minimum 101 separate fully functional keys and at least 10 function keys*	Standard Enhanced 101 keyboard	Ergonomic 101 Keyboard with additional function keys

Component	DoD Recommended Minimum Workstation	Low-End Commercial Minimum Workstation	Optional Upgrade Workstation (Recommended)
CD-ROM	CD-ROM Reader*	None, but should be upgrade ready	Up to 16 Speed EIDE or higher CD-ROM
Multimedia		None, but should be upgrade ready	Sound Blaster AWE32 or equivalent Wave Table sound card with high quality system
Mouse	Pointing device with a minimum of 2 buttons*	Microsoft mouse or equivalent	Microsoft mouse or equivalent
LAN Interface	Lan Interface upgrade ready*	3Com 3C590 6, Combo PCI 10Base-T Ethernet Card for direct DISN connectivity	Combo PCI 10Base-T Ethernet Card for direct DISN connectivity
Monitor	17", non-interlaced, color monitor with STD 15 pin analog input capable of a minimum 1024x768 pixel resolution in non-interlaced mode*	17" Color SVGA Monitor SVGA, 1024X768, NI 64K Colors at 70Hz Refresh rate, .28 dpi	Up to 20" Color SVGA Monitor SVGA, 1024X768, NI 64K Colors at 70Hz Refresh rate, .25 dpi
Case type		Desktop if cost saved	Local ergonomic choice
Operating System	DOS 6.2/Windows 3.1, Windows for WorkGroups 3.11, Windows 95, or NT 3.5.1*	Current Windows NT	Current Windows NT
Lockable Chassis			Local security/installer or locking chassis and controlled unlocking device

The DoD Recommended Minimum Workstation configuration is based on the DoD Personal Computer Policy Implementation Plan (FY1995-FY2000) dated April 1995, which is represented in Section J, Statement of Work of the SPS contract.

Note: Recommended optional upgrade configurations do not imply that SPS must have this setup to process. The configurations are provided as a guideline to fulfill a broad spectrum of requirements associated with an SPS user (which includes e-mail, EDI, office suites, etc.).